

ABSTRACT OF THE DISCLOSURE

In a composite device having a laminate structure of a magnetic body ceramic layer 1 and a dielectric ceramic layer 2, an intermediate layer 3 is interposed between the ceramic layers 1 and 2. The intermediate layer 3 varies in composition in the direction of thickness thereof and exhibits substantially the same shrinkage as the magnetic body ceramic layer 1 at a joint thereof with this layer 1 when fired and substantially the same shrinkage as the dielectric ceramic layer 2 at a joint thereof with the layer 2 when fired, whereby the ceramic layers can be prevented from cracking or separating during firing.